Malfunction 1: Euroklav 23 V-S / 29 V-S

Measures / Reasons:

1. Check right installation (turn out the front feet 5 turns 23V-S/3 turns 29V-S from the horizontal niveau)

2. Check door seal (wrong installation / defective) or wrong adjusted door

3. Check for overloading of the unit (textiles) or whether it happened an interruption of the program with immediately re-start (by the operator)

4. Check if there is any instrument in the tube and T-piece between chamber (the lower fitting at the back) and aqua-dem flow sensor/ pressure release valve, so water remains in the chamber.

5. Check the gasket of tube heating cover. The gasket must be necessarily placed on the front bow of the cover and the cover must be tightly screwed on the chamber

6. Make a vacuum test with cold chamber. What is the leakage rate (mbar/min.):

7. If the vacuumtest cannot proceed successful please notice the pressure the pump is able to achieve and change (in the service program) the pressure P17 from 80 (mbar) to this value. Please notice that P13 has to be changed that P13 is approx.50 to 100 mbar higher than P17! Than repeat the vacuumtest again. If the result is just OK (<0.7 mbar/min) the pump is worn off. Otherwise you have to find the leakage!

8. Check the function of the solenoid valves, ACOUT 8 (overpressure) and ACOUT 6 (vacuum) by diagnosis program. Open the solenoid valves and check if they are tight and clean!

9. For leakage search, activate the solenoid valve current (ACOUT 9) and start the vacuum-pump (ACOUT3) with closed door. Build up a pressure of 1 bar and stop the vacuum-pump. Now you are able to search for leaks by using a leak-search-spray or soap water.
   Hint: For a safety work, we recommend a separate power chord added with a rectifier plug for the solenoid valve current. Then you are able to plug out the autoclave after you have reached the pressure of 1 bar and you can work without risk of electrical shock.